

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

Attorney Docket No. 9570-2

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

METHOD AND APPARATUS FOR DETECTING AN ABNORMALITY WITHIN A HOST MEDIUM UTILIZING FREQUENCY-SWEPT MODULATION DIFFUSION TOMOGRAPHY,

the specification of which

is attached hereto

OR

was filed on as United States Application No. or PCT International Application Number
and was amended on (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37 Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate, or of any PCT International application having a filing date before that of the application on which priority is claimed.

(None)			<input type="checkbox"/> Yes <input type="checkbox"/> No
Number	Country	MM/DD/YYYY Filed	Priority Claimed
			<input type="checkbox"/> Yes <input type="checkbox"/> No
Number	Country	MM/DD/YYYY Filed	Priority Claimed
			<input type="checkbox"/> Yes <input type="checkbox"/> No
Number	Country	MM/DD/YYYY Filed	Priority Claimed

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below.

60/177,335	01/21/2000
Application Number	Filing Date (MM/DD/YYYY)
Application Number	Filing Date (MM/DD/YYYY)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) or § 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application (37 C.F.R. § 1.63(d)).

(None)		
Application No.	Filing Date	Status
		Patented/Pending/Abandoned
Application. No.	Filing Date	Status
		Patented/Pending/Abandoned
Application No.	Filing Date	Status
		Patented/Pending/Abandoned

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the practitioners associated with the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and direct that all correspondence be addressed to that Customer Number:

Customer Number 000826

Direct correspondence to the
attention of and telephone calls to:

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Full name of
first inventor: Iosif Semen Zeylikovich

Inventor's
Signature:  Date: 03/08/2000

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Citizenship: Russia
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Full name of
second inventor: Michael Victor Klibanov

Inventor's
Signature:  Date: 03/08/2000

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Citizenship: Russia
Post Office Address: 6119 Garamond Court, Charlotte, NC 28270

Full name of
third inventor: Andrey Anatolyevich Kharisov

Inventor's
Signature:  Date: 03/08/2000

Residence: Charlotte, North Carolina
Citizenship: Russia
Post Office Address: 7804 Harris Hill Lane, Apt. E, Charlotte, NC 28269

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney's Docket No. 9570-2

Applicant, Patentee, or Identifier: Zeylikovich, Klibanov & Kharisov
Application No. or Patent No.: To Be Assigned
Filed or Issued: Concurrently Herewith
Title: METHOD AND APPARATUS FOR DETECTING AN ABNORMALITY
WITHIN A HOST MEDIUM UTILIZING FREQUENCY-SWEPT
MODULATION DIFFUSION TOMOGRAPHY

**STATEMENT CLAIMING SMALL ENTITY STATUS
(37 C.F.R. § 1.9(f) & 1.27(c)) – SMALL BUSINESS CONCERN**

I hereby declare that I am:

the owner of the small business concern identified below:
 an official of the small business concern empowered to act on behalf of the
concern identified below:

NAME OF SMALL BUSINESS CONCERN: Medical Optical Imaging, Inc.
ADDRESS OF SMALL BUSINESS CONCERN: 8701 Mallard Creek Road
Charlotte, NC 28262

I hereby state that the above-identified small business concern qualifies as a small business concern as defined in 13 C.F.R. 121., and reproduced in 37 C.F.R. § 1.9(d), for purposes of paying reduced fees to the United States Patent and Trademark Office, under Section 41(a) and (b) of Title 35, United States Code, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time, or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party or parties controls or has the power to control both.

I hereby state that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention described in:

the specification filed herewith with title as listed above.
 the application identified above.
 the patent identified above.

If the rights held by the above-identified small business concern are not exclusive, each individual, concern, or organization having rights in the invention must file separate statements as to their status as small entities, and no rights to the invention are held by any person, other

than the inventor, who would not qualify as an independent inventor under 37 C.F.R. 1.9(c) if that person made the invention, or by any concern which would not qualify as a small business concern under 37 C.F.R. § 1.9(d), or a nonprofit organization under 37 C.F.R. § 1.9(e).

Each person, concern, or organization having any rights in the invention is listed below:

no such person, concern, or organization exists.
 each such person, concern, or organization is listed below.

Name: _____

Address: _____
 Individual Small Business Nonprofit Organization

Name: _____

Address: _____
 Individual Small Business Nonprofit Organization

Separate statements are required from each named person, concern, or organization having rights to the invention averring to their status as small entities. (37 C.F.R. § 1.27)

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 C.F.R. § 1.28(b))

NAME OF PERSON SIGNING: Jonathon L. Benson

TITLE OF PERSON OTHER THAN OWNER: President

ADDRESS OF PERSON SIGNING: 8701 Mallard Creek Road

Charlotte, North Carolina 28262

SIGNATURE: Jonathon L. Benson DATE: March 9, 2011

CLT01/4406680v1